

In the claims

1. (previously presented): A wine aging wrapper comprising ground spinel AB_2O_4 , emitting radiation in the far-infrared spectral range, wherein A is magnesium, divalent iron, nickel, manganese, cobalt, or zinc, B is aluminum, trivalent iron, trivalent manganese, or trivalent chromium, and O is oxygen, mixed with resin and coated on a substrate for wrapping around a wine container.
2. (previously presented) The wrapper of claim 1 wherein the spectral range of the radiation is 18-30 microns.
3. (original) The wrapper of claim 1 wherein the spinel and resin have a weight ratio of 1 to 3:
4. (original) The wrapper of claim 1 wherein the resin is selected from the group consisting of epoxy, acrylonitrile-butadiene-styrene, polyvinyl chloride, or any combination thereof.
5. (original) The wrapper of claim 1 wherein the substrate is a plastic film.
6. (previously presented) The wrapper of claim 1 wherein the substrate is expanded synthetic resinous material in the form of two half-shells.
7. (previously presented) The wrapper of claim 1 wherein the spinel comprises at least 30% by weight of the trivalent iron.
8. (withdrawn) A process for aging wine comprising adapting a container of the wine to the radiation of spinel AB_2O_4 wherein A is magnesium, divalent iron, nickel, manganese, cobalt, or zinc, B is aluminum, trivalent iron, trivalent manganese, or trivalent chromium, and O is oxygen, said spinel radiating in the range of wavelength of 3-30 microns..

9. (withdrawn) The process of claim 8 wherein preferred B of the spinel AB_2O_4 comprises at least 30% of iron.

10. (withdrawn) The process of claim 9 wherein the spinel emits radiation in the range of 18-30 microns.

11. (withdrawn) The process of claim 8 wherein the container is a bottle.

12. (withdrawn) The process of claim 9 wherein the container is a wine pipeline.

13. (canceled)

14. (canceled).

15. (new) A wine aging wrapper comprising ground spinel AB_2O_4 , emitting radiation in the far-infrared spectral range, wherein A is magnesium, divalent iron, nickel, manganese, cobalt, or zinc; B is aluminum, trivalent iron, trivalent manganese, or trivalent chromium; and O is oxygen, mixed with resin, coated directly on a wine container.

16. (new) The wrapper of claim 15 wherein the spinel comprises at least 30% by weight of the trivalent iron.

17. (new) The wrapper of claim 15 wherein the spectral range of the radiation is 18-30 microns.

It is requested that the above claims be entered.

Respectfully submitted

For: Shiau et al

By: 

Alice L. Chen

Registration No. 26,852